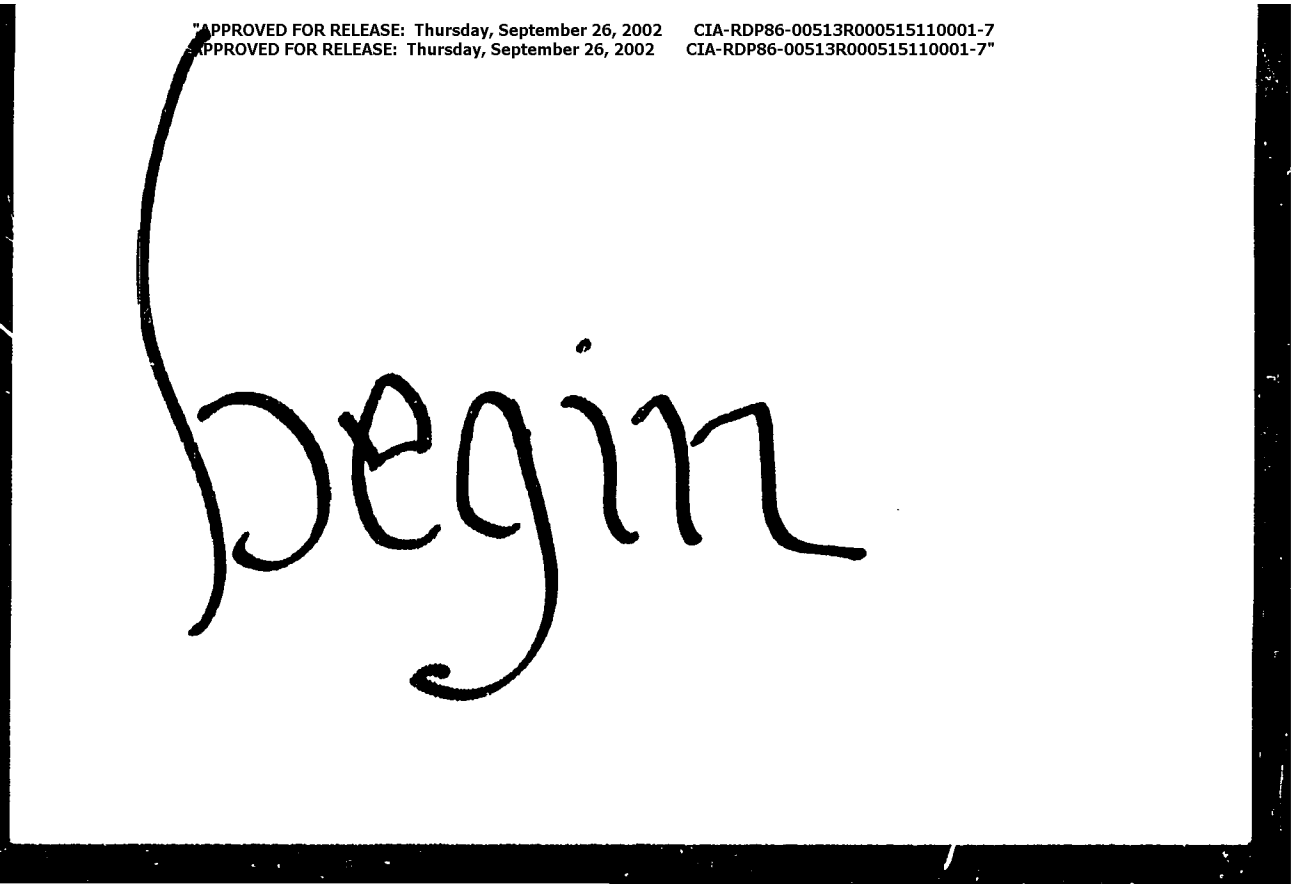

#151

GILINSKIY, YE.YE

TO

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

SHUSTIN, N.A.; GILINSKIY, Ye.Ye.

Disturbances of cortical activity caused by removal of the frontal lobes. Trudy Inst.fiziol. 5:461-471 '56. (MLRA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti - zaveduyushchiy F.P.Mayorov, i Laboratoriya morfologii - zaveduyushchiy N.G.Kolosov.
(BRAIN)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILINSKIY, YEFIM YAKOVLEVICH

N/5
633.3
.G4

Materialy po morfologii retseptornogo apparata zheludka pozvonochnykh; sravitel'no-morfologicheskoye issledovaniye Materials on the morphology of the receptor apparatus of the stomach of vertebrates; research in comparative morphology Moskva, Leningrad, Izd-vo Akademii Nauk SSSR, 1958.

88 l p. illus. At head of title: Akademiya Nauk SSSR. Institut Fiziologii.
"Literatura": p. 85- 89

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILINSKIY, Ye.Ya.; KOROT'KO, G.F.

Additional materials on the mechanism of changes in the activity of the stomach due to high external temperature and exposure to solar radiation (neurological investigation). Izv.AN Uz.SSR.Ser.med. no.3:29-32 '59. (MIRA 12:8)

1. Andizhanskiy gosmedinstitut, kafedra normal'noy fiziologii.
(STOMACH--SECRETIONS) (HEAT--PHYSIOLOGICAL EFFECT)
(SOLAR RADIATION--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILINSKIY, Ye.Ya.; MUSYASHCHIKOVA, S.S.

Changes in the peripheral blood, the nerve structure of some internal organs, and interoceptive reflexes from the stomach following general and local X-ray exposure. Trudy Inst. fiziol. 9:199-212 '60. (MIRA 14:3)

1. Laboratoriya fiziolgoii krovoobrashcheniya i dykhaniya (zaveduyushchiy G.P.Kongradi) Instituta fiziologii im. I.P.Pavlova.
(BLOOD) (DIGESTIVE ORGANS--INNERVATION)
(REFLEXES) (X RAYS--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILINSKIY, Ye.Ya.

Central innervation of the stomach. Trudy Inst. fiziol. 9:439-443 '60. (MIRA 14:3)

1. Laboratoriya morfologii (zaveduyushchiy - N.G.Kolosov) Instituta fiziologii im. I.P.Pavlova.
(STOMACH--INNERVATION) (VAGUS NERVE)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILINSKIY, Ya.Ya.

Receptor apparatus of the stomach in the rainbow trout. Trudy Inst. fiziol. 9:444-447 '60. (MIRA 14:3)

1. Laboratoriya morfologii (zaveduyushchiy - N.G.Kolosov) Instituta fiziologii im. I.P.Pavlova.
(STOMACH--INNERVATION) (TROUT)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GABER, I.E.; GILINSKIY, Ye.Ya.

Change in the functional properties and structure of the peripheral nervous system of the small intestine following local infection with Mycobacterium tuberculosis culture. Biul. eksp. biol. i med. 55 no.3: 33-38 Mr '63. (MIRA 18:2)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - kand. med. nauk G.S. Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (direktor - prof. A.D. Semenov), Leningrad. Submitted June 28, 1962.

BUDOVOY, G.T.; MARTINKOV, I.P.; SHKOL'NIKOV, B.Ya.; GRIGOR'YEV, Ye.A.; SOLOMIN, V.V.; REZNIK, A.I.; IGNATOVICH, A.A.; OZORNOV, A.K.; GILINSKOY, E.B.; ZHLINOV, V.Ye.; NEMENSKIY, M.I.; VOLKOV, N.I., red.; VOSKANYAN, G.G., red.; KASIMOVSKIY, Ye.V., red.; FOMIN, A.Ya., red.; LISOV, V.Ye., red.; PONOMAREVA, A.A., tekhn. red.

[The district worker's manual; reference and methodological aid for economic and cultural planning in an administrative district]Spravochnik raionnogo rabotnika; spravochno-metodicheskoe posobie po planirovaniiu khoziaistvennogo i kul'turnogo stroitel'stva v administrativnom raione. Moskva, Ekonomizdat, 1962. 439 p. (MIRA 15:7)
(Russia--Economic policy--Handbooks, manuals, etc.)

GILINSKY, S.M. (Moskva); TELENIN, G.F. (Moskva); TINYAKOV, G.P. (Moskva)

Method for calculating a supersonic flow about blunt bodies with a detached shock wave. Izv. AN SSSR Mekh. i mashinostr. no.4:9-28 Jl-Ag '64 (MIRA 17:8)

PERLIN, I.L.; GILIS, E.

Determining temperature decrease in the hot rolling of titanium.
TSvet.met. 29 no.5:70-71 My '56. (MLRA 9:8)

1. Mintsvetmetzoloto.
(Titanium--Metallurgy) (Rolling (Metalwork))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

USSR/Soil Science - Organic Fertilizers. J-4

Abs Jour : Ref Zhur - Biol., No 9, 1956, [illegible]

Author : Gilis, M. P.

Inst [illegible]

Title : The Influence of Peat and Peat-Manure Composts on the Increase [illegible] Agricultural Crops in Western [illegible]

Orig Pub : V sb. Metod. org. udobr. [illegible] SR, Kiyev, AN UkrSSR, 1957, 127 - [illegible]

Abstract : [illegible] increased during autumn plowing in doses of 40 t/ha increased the yield of oats from 24 to 31 c/ha on [illegible] soil.

[illegible] the crop increased from 160.6 up to 180.6 c/ha [illegible] the introduction of peat-manure compost, consisting [illegible]% peat and 25% manure.

[illegible] optimum time of composting is 6 months.

Card 1/

GILL, [illegible] L., Doc Agr Sci -- (dis[illegible]) "[illegible] of nitrogen fertilizers under agricultural crops under the co[illegible] [illegible] Ukrainian SSR." [illegible], 1960. 31 pp; (Moscow Order of Lenin Agricultural Academy im K. A. [illegible]zev); 12 copies; [illegible] not given; (KL, 27-60, 111)

GILJAROVSKIJ, V. A.; STUCHLIK, Jaroslav

Prolegomena to the study of neologisms. II. Psychology of neologisms & glossolalia. Cesk. psychiat. 54 no.4:216-222 Aug 58.

1. J. S. Lagerova 8, Praha 2.
(HALLUCINATIONS
in schizophrenia, with neologisms & glossolalia (Cz))
(SCHIZOPHRENIA, psychol.
neologisms & glossolalia in hallucinatory states (Cz))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

[illegible], Department, MVD.

[illegible] dy-pepsia.
[illegible]

GILKA, Frantisek, MVDr.; PEJSE, Mirko, MVDr.; TOMANKOVA, Alena

Diagnostics of abortions in cattle with special regard to the microbial and pathological findings in the abortus lungs. Veter medicina 9 no. 2:115-122 Mr '64.

1. Veterinary Examination Station, Opava. Head of the Station [MVDr] Z.Fojtach.

L 31122-66 EWT(1) SCTB DD

ACC NR: AP6011463 SOURCE CODE: CZ/0077/66/000/004/0170/0174

AUTHOR: Gilka, J. (Doctor of veterinary medicine)

ORG: none

TITLE: Physical and chemical changes in animal food products in the course of refrigeration and freezing in relation to hygienic defects

SOURCE: Veterinarstvi, no. 4, 1966, 170-174

TOPIC TAGS: food technology, food sanitation, food product machinery, freezing, refrigeration, protein, cell physiology

ABSTRACT: Physical changes in animal food products in the process of refrigeration and freezing are discussed. This area is less studied than corresponding changes in plant foodstuffs. These changes have a decisive effect on the quality of meat preserved by refrigeration and freezing. Understanding these changes can speed development of the most advantageous method for preserving animal food products at low temperatures. As a rule, the best method, technologically speaking, is also the best method from the point of view of economy and hygiene. In Czechoslovakia air is normally used as the heat-transfer and refrigerating medium. The relation of the dimensions and surface area of the

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7

L 31122-66

ACC NR: AP6011463

piece of meat to be frozen to the evaporation rate, the effect of very low temperatures on enzymatic processes, and the loss in weight due to refrigeration and freezing are discussed. It is pointed out that fatty tissue is the most resistant to atmospheric oxygen as a refrigerant. [11]

SUB CODE: 02, 06/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001
SOV REF: 001/ ATD PRESS: 4239

Card 2/2

L 39620-66 T JK/GD-2

ACC NR: AP6003462 SOURCE CODE: CZ/0077/65/000/010/0472/0475

AUTHOR: Gilka, J. (Doctor of veterinary medicine) (Brno); Zatocil, O. (Brno)

ORG: none

TITLE: Possibilities of spreading hoof and mouth disease through meat products

SOURCE: Veterinarstvi, no. 10, 1965, 472-475

TOPIC TAGS: virus, [illegible] foot and mouth disease, disease control, epidemiology, processed animal product

ABSTRACT: The article reviews what is known about the possibilities and dangers of spreading hoof and mouth disease through meat products which carry the virus from animals infected with the disease before being slaughtered. This type of contagion is the most important epidemiological factor in the spread of hoof and mouth disease. Data on the occurrence and stability of the virus in the flesh and organs of animals slaughtered for meat in experimental animals are not simple because the survival of the virus is affected by a number of factors. The article discusses the published data at some length and also discusses factors and conditions to be considered in storing meat. Orig. art. has: 1 table.

SUB CODE: 06,02/SUBM DATE: none

Card 1/1

GILKA, Jaroslav

Problem of preserving the natural color in storing and packing meat and meat products. Prum potravin 14 no.10:519-522 O '63.

1. Ustav pro hygienu a technologii potravin veterinarni fakulty Vysoke skoly zemedelske, Brno.

GILKA, Jaroslav

Causes of brown color in meat from sublimation drying. Prum potravin 14 no.11:589-591 N'63.

1. Veterinarni fakulta Vysoke skoly zemedelske, Ustav pre hygienu a technologii potravin, Brno.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

STAROSEL'TSEV, V.S.; GIL'KIN, V.N.

Prospecting for copper-nickel ores based on the occurrence of boulders. Inform. sbor. NIIGA no.32:45-51 '62. (MIRA 16:12)

GLIKINA, Ye.L.

Studies on the effect of γ-rays on the development of Trichocephalus trichiurus eggs; preliminary report. Med.paraz.i paraz. bol. 30 no.2:177-181 Mr-Ap '61. (MIRA 14:4)

1. Iz kafedry biologii Kubanskogo meditsinskogo instituta (dir. instituta - prof. V.K. Suprunov).
(TRICHOCEPHALIASIS) (GAMMA RAYS—PHYSIOLOGICAL EFFECT)

5

10

INFLUENCE of TEMPERATURE and HEATING PERIOD on the REMOVAL of RESIDUAL STRESSES in AUSTENTIC STEELS. L. A. Gilkman and V. P. Tekht. (Kototurbostroenie, 1948, No. 2, pp. 12-16 (in Russian) (Abstract) Centre national de la Recherche Scientifique, Bulletin Analytique, 1949, vol. 10, Nos 2, p. 1164). Residual stresses were created in austentic 18% chromium 8% nickel steel by quenching in water from 1050°C. The influence of tempering temperature in the range 600-850°C. Similar treatment for other austenitic steels is recommended.

A 50-51 A METALLURGICAL LITERATURE CLASSIFICATION

GIKHMAN, L.A., doktor tekhnicheskikh nauk, professor.

Stability of residual stresses and their effect on the mechanical properties of metals and the durability of pieces. Trudy LIMI no.13: 195-203 '56. (MLRA 10:8)
(Strains and stresses) (Metals--Fatigue)
(Mechanical wear)

PHASE I BOOK EXPLOITATION SOV/4501

Leningrad. Inzhenerno-ekonomicheskiy institut

Chistovaya obrabotka i sovtovaniye obrabotannoy poverkhnosti (Finishing Operations and Surface Roughness) [Leningrad] Izd-vo Leningr. univ-ta, 1960. 268 p. (Series: Its: Trudy, vyp. 36) 1,825 copies printed.

Ed. (Title page): A.A. Matalin, Professor; Ed. (Inside book): G.M. Aron; Tech. Ed.: S.D. Vodolagina.

PURPOSE: This collection of articles is intended for technical personnel in the machine-building industry and for students in schools of higher technical education.

COVERAGE: The collection contains articles on the problems of developing methods for mechanical machining (such as grinding and superfinishing with strain hardening, roll burnishing, fine grinding, etc.) which would serve to increase the life of machine parts exposed to friction and wear, and thereby insure high productivity and economy. Methods for determining residual stresses (only in macrostresses and microstresses) are discussed in detail. Also considered are the possibility of using hydraulically actuated slide rests in lot production, the use of the group machining method, and an attachment for program control of an existing lathe which would not necessitate modernization of the lathe. A description of advanced production methods and work planning used in plants of the German Democratic Republic is presented. No personalities are mentioned. References accompany most of the articles.

AVAILABLE: Library of Congress

Card 1/1

VK/vrc/gmp
11-16-60

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILMAN, S. A.

22957 Primeneniye metoda padayushchikh sharikov dlya kharakteristiki strukturnoy vyazkosti i tiksotropii. Doklady akad. Nauk SSSR, novaya seriya, T. LXVII, No. 3, 1949, C. 483-86.

SO: LETOPIS' NO. 31, 1949

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

1. GILKMAN, S. A.; YEFREMOVA, O. G.

2. USSR (600)

4. Cellulose

7. Effect of metallic ions on the elastic-plastic properties of ethylcellulose. Dokl. AN SSSR, 81, No. 6, 1951. Rcd. 19 Sept. 1951.

9. Monthly List of Russian Accessions, Library of Congress 1952 (May). UNCLASSIFIED

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GIL'KNER, Ye., yuriskonsul't.

Rights and duties of automotive transportation in regard to the customers. Avt.transp. 37 no.4:48 Ap '59. (MIRA 12:6)
(Transportation, Automotive)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILKO, A. (Sr.Akhtubinskiy rayon, Stalingradskoy oblasti).

Activities of the Seminar for the Improvement of Teachers' Qualifications. Mat.v shkole no.1:84 Ja-F '54. (MLRA 7:1)
(Mathematics--Study and teaching)

GILKSMAN, B.

GLIKSMAN, B. Managing high-voltage overhead lines in areas of highly polluted atmosphere. p. 305.

Vol. 9, No. 6, Nov./Dec. 1959
ENERGETYKA
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1960

GILL', B.V., inzh.

Useful timely book ("Planning and building underwater pipe lines" by S.I. Levin. Reviewed by B.V. Gill') Stroi. truboprov. 6 no.6:31-32 Je '61. (MIRA 14:7)
(Pipe lines)
(Levin, S.I.)

ZARENBO, L.K., kand. fiz.-mat. nauk; KARPOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; GRODSKIY, Yu.N., kand. tekhn. nauk; KHRENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISKMAN, A.A., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'MAN, S.M., inzh.; DZHAFAROV, N.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.F., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p. (MIRA 15:4)
(Gas, Natural--Transportation)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL', B.V., inzh.

"For further progress in pipeline construction." Reviewed by B.V. Gill'. Avtom. truboprov. no.5:30-31 My '62. (MIRA 16:6)

(Pipelines)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL', B.V., inzh.

Standard planning is the most important condition for the improvement of planning. Stroi. truboprov. 8 no.3:9 Mr '63. (MIRA 16:5)
(Pipelines--Design and construction)

GILL, F.

The removal of straw after combine harvesting. p.296.
(Mechanisace Zemedelstvi, vol. 7, No. 13, July 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957 Uncl.

GILL', I. L. Cand. Technical Sci.

"Interference Rejection of Radio Telemetering Systems Subjected to Aperiodic Interference." Sub 20 Jun 47, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

42909

S/547/62/000/146/002/004
A001/A101

AUTHOR: Gill', I. L.

TITLE: The improved model of the РВТД (RVTD) radar-altimeter

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros"yemki i kartografii. Trudy. no. 146. 1962, Issledovaniya po fotogrammetrii, 17 - 22

TEXT: Radar-altimeters operate reliably in plain, hilly and forest regions, but in mountainous regions their functioning proved to be unsatisfactory, mainly due to insufficient power of generator of ultrahigh frequency in transmitter. In the present article the author describes a new model of modernized radar-altimeter in which the generator power was increased by a factor of 4.5 - 5. Since the circuits of the receiver and indicator remained practically unchanged, only the circuit of the radar-altimeter transmitter is described and presented in Figure 1. The generator produces oscillations of frequency f = 440 Mc (wavelength λ = 68 cm) and contains 8 tubes of 6Н15П (6N15P) type assembled according to the ring circuit. Recurrent frequency of pulses is 16,000 cps and dura-

Card 1/3

The improved model of...

tion is about 0.4 μsec. The output power of the generator is about 500 w. In addition to modernization of the transmitter, sensitivity of the radar-altimeter was increased by 4 - 5 times by eliminating some losses in antennas feeders and adaptors. Of a special importance is mentioned the МАЗП(MAZP) device for operations in mountainous regions. This device blocks instantaneously the receiver as soon as the first reflected signal appears on the tube screen, which eliminates a simultaneous occurrence of several reflections, possible in mountains, leading to impossibility of finding the true altitude. In 1959, GVF and TsNIIGAiK tested four specimens of the modernized radar-altimeter in mountainous, high-mountainous and plain-hilly regions. Depending on the altitude of photographing and country relief, the number of negatives containing information on altitude amounts to 70 - 100% of the whole number of negatives in mountainous regions and 100% in plain-hilly regions. It is concluded that the modernized radar-altimeter is adequate to operations also in mountainous regions. There are 5 figures and 3 tables.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

L2911

S/547/62/000/146/004/004
A001/A101

13.2200

AUTHOR: Gill', I. L.

TITLE: Phase relations in a tellurometer

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros"yemki i kartografii. Trudy. no. 146. 1962. Issledovaniya po fotogrammetrii, 147 - 152

TEXT: The new radar range finding device, tellurometer, can measure distances from 150 m to 50 km with an accuracy of 5 cm $\pm$ 3 x 10^{-6} on the average. Its simplified block-diagram is presented in the figure attached and the mode of operation is described in detail. The left-hand part of the figure represents the key station, A, and the right-hand part -- the slave station, B. Both stations are mounted at the points between which the distance is measured. The magnitude of this distance is read off the phase indicator which yields the quantity $2\varphi \frac{r}{v}$, where r is distance being measured, v is velocity of radio wave propagation, and $\omega = 2\pi F$ is angular oscillation frequency of the modulating quartz generator of Station A. The ultra-high frequency oscillator of Station B is

Card 1/3

Phase relations in a tellurometer

modulated by sinusoidal oscillations from the quartz generator having angular frequencies Ω - ω and Ω + ω, where ω = 2πF, is difference of angular frequencies of modulating oscillations at Stations A and B. It is recommended to carry out distance determination twice: one with the modulation frequency Ω - ω, and the other with the frequency Ω + ω; thereby residual errors are eliminated. There is one figure.

GILL, Janusz.

Application of certain method of determination of cellulose in investigation of digestion in ruminants. Acta physiol. polon. 5 no.4:528-530 1954.

1. Z Zakladu Fizjologii Zwierzat Wydz. Weterynaryjnego Szkoly Glownej Gospodarstwa Wiejskiego w Warszawie. Kierownik: prof. dr B.Gutowski.

(CELLULOSE, determination,
in investigation of digestive physiol. in ruminants)
(GASTROINTESTINAL SYSTEM, physiology,
investigation with cellulose tests in ruminants)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Janusz

Investigation of Infusoria in contents of the gastrointestinal system in Bison bonasus L. Acta physiol. polon. 5 no.4:530-532 1954.

1. Z Zakladu Fizjologii Zwierzat Wydz. Weterynaryjnego Szkoly Glawnej Gospidarstwa Wiekskiego w Warszawie. Kierownik: prof. dr B.Gutowski.

(PROTOZOA,
Infusoria in gastrointestinal system in Bison bonasus)
(GASTROINTESTINAL SYSTEM,
Infusoria in Bison bonasus)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, J.

Studies on physiology of digestion in deer elaphus L. Acta physiol. polon. 8 no.3:335-336 1957.

1. Z Katedry Fizjologii Zwierzat Wydz. Weter. Szkoly Glownej Gospodarstwa Wiejskiego w Warszawie. Kierownik: prof. dr B. Gutowski.

(GASTROINTESTINAL SYSTEM, physiology,
digestion in deer (Pol))
(ANIMALS,
deer, digestion physiol. (Pol))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, J.

Attempted determination of the rate of passage of gastrointestinal contents in wild ruminating animals; Cervus elaphus L., Dama dama L., and Lama glama L. Acta physiol. polon. 8 no.3:336-338 1957.

1. Z Katedry Fizjologii Zwierzat Sydz. Weter. Szkoly Glownej. Gospodarstwa Wiejskiego w Warszawie. Kierownik: prof. dr B. Gutowski.

(ANIMALS,
ruminating, gastrointestinal passage of content, determ. of rate (Pol))

(GASTROINTESTINAL SYSTEM, physiology,
passage rate of content in ruminating animals, determ. (Pol))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Janusz

The rate of passage of food through the digestive system in Indian elephant (Elephas maximus L.) in zoo conditions. Acta physiol. polon. 11 no.2:277-289 Mr-Ap '60.

1. Laboratorium Fizjologiczne Miejskiego Ogrodu Zoologicznego w Warszawie, Kierownik: prof. dr B. Gutowski.
(ANIMALS)
(GASTROINTESTINAL SYSTEM physiol.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Digestive capacity of the salivary glands, pancreas and duodenum and size of the digestive system in boars (Sus scrofa L.) Acta physiol.polon. 11 no.5/6:706-707 '60.

1. Z Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie. Z Zakladu Hodowli Doswiadczalnej PAN.

(SALIVARY GLANDS physiol)
(PANCREAS physiol)
(DUODENUM physiol)
(GASTROINTESTINAL SYSTEM physiol)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Effect of histamine on the course of digestive and secretory activity in the stomach in boars (Sus scrofa L.). Acta physiol. polon. 11 no.5/6:707-709 '60.

1. Z Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie. Z Zakladu Hodowli Doswiadczalnej PAN.

(STOMACH pharmacol)
(GASTRIC JUICE)
(HISTAMINE pharmacol)

JACZEWSKI, Z.; GILL, J.; KOZNIEWSKI, S.

Regulation of blood pressure in the brown bear (Ursus arctos L.).
Bul Ac Pol biol 9 no.5:227-229 '61. (EEAI 10:9)

1. Laboratory of Physiology, Municipal Zoological Garden, Warsaw and Laboratory of Game Animals Physiology, Polish Academy of Sciences, Popielno. Presented by W. Stefanski.

(BLOOD PRESSURE) (BEARS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Janusz; JACZEWSKI, Zbigniew

Regulation of the blood pressure in the European bison, Bison Bonasus (L). Acta physiol pol 12 no.6:859-857 '61.

1. Physiological Laboratory at the Zoological Garden in Warsaw, Ratuszowa 1/3 (for Gill) 2. Department of Experimental Animal Breeding, Polish Academy of Sciences, Popielno, District Pisz (for Jaczewski).

(Poland—Bison) (Blood pressure)

HOFFMANNOWA, Hanna; GILL, Janusz; PIEKARZ, Ryszard

Studies on the digestive physiology of the wolf (Canis lupus L.), dingo (Canis dingo L.) and jackal (Canis aureus L.). I. Effect of histamine on the course of digestive-excretory processes of the stomach under morphine-eunarcon anesthesia. Acta physiol. Pol. 15 no.1:125-136 Ja-F '64.

Studies on the digestive physiology of the wolf (Canis lupus L.), dingo (Canis dingo L.) and jackal (Canis aureus L.). II. Digestive capacity of the pancreas, duodenum and salivary glands; size of the digestive system; weight of internal organs. Ibid.:137-148

1. A Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie (Kierownik: mgr J. Landowski) i Z Zakladu Hodowli Doswiadczalnej Zwierzat Panstwowej Akademii Nauk (Kierownik: prof. dr Z. Kaminski [deceased]).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Janusz

Regulation of blood pressure and respiration and effect of lactic acid on the pressor effect of epinephrine and norepinephrine in the hare (Lepus europeus Pallas 1778). Acta physiol. Pol. 16 no.1:81-103 Ja-F '65.

1. Katedra Fizjologii Zwierzat Wydzialu Weterynarii Szkoly Glownej Gospodarstwa Wiejskiego w Warszawie (Kierownik: prof. E. Domanski) i Laboratorium Fizjologiczne Miejskiego Ogrodu Zoologicznego w Warszawie (Dyrektor: mgr. J. Landowski).

KOLODZIEJSKI, Jozef; GILL, Stanislaw

Daily qualitative variations of oil in certain plants of families Labiatae and Compositae in various stages of development. Farm. polska 10 no.3:72-76 Jr '54.

1. Z Zakladu Farmakognozji A.M. w Gdansku. Kierownik: prof. Dr J.Kolodziejski.

(PLANTS,
*Labiatae & Compositae, daily qualitative variations of oil in various stages of develop.)
(OIL,
*Labiatae & compositae oils, daily qualitative variations in various stages of plant develop.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Stanislaw, Dr. Farm.

The code of pharmaceutical deontology should take into account the specific character of the profession. Farmacja Pol 16 no. 17: 361-362 September 1961.

GILL, Stanislaw

The usefulness of the more recent methods in chemistry for the appreciation of tannin raw materials. Farmacja Pol 18 no.5:108-112 Mr '62.

1. Katedra Farmakognozii, Akademia Medyczna, Gdansk Kierownik: prof. dr. J. Kolodziejski.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Stanislaw

Critical evaluation of the new physicochemical methods of determining tanning agent raw materials. Farmacja Pol 18 no.13:312-314 10 Jl '62.

1. Katedra Farmakognozji, Akademia Medna, Gdansk. Kierownik Katedry: prof. dr. Jozef Kolodziejski.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

POLAND

GIL, S.; The Chair of Pharmacognosy AM (Academy of Medicine), Gdansk (Katedra Farmakognozji A.M. w Gdansku).

"The Selectivity of Biological Methods in Evaluation of Tanning Raw Materials."

Warsaw, Farmacja Polska, Vol 19, No 3, 10 Feb 63, pp 45-47

Abstract: The author gives a critical analysis of the various methods of estimating the tanning agents in raw materials.
Twenty references are cited of which six are from the Soviet block.

1/1

POLAND

[illegible], J., [illegible] and [illegible] K.; The Chair of Pharmacology Medical Academy, Gdansk (Katedra Farmakologii Akademii Medycznej w Gdansku).

"Staining Agents as Specific Morphological Parts of Human Cells [illegible]."

Warsaw, Farmacja Polska, Vol 19, No 5, 10 Mar 63, pp 47-50

Abstract: Various parts of human organs ... were subjected to qualitative and quantitative tests for the presence of tannins. The bulk of these materials was found to be in the roots.
This article contains three tables and twenty three references, thirteen of the [illegible] are from the Soviet block.

1/1

KOLODZIEJSKI, Jozef; GILL, Stanislaw; MRUK, Anna; SUREWICZ-SZEWCZYK, Halina

Variable content of ethereal oils and tannic compounds during the vegetation stage of Salvia officinalis L. Acta pol. pharm. 20 no.3:269-276 '63.

1. Z Katedry Farmakognozji Akademii Medycznej w Gdansku Kierownik: prof. dr J. Kolodziejski.
(PLANTS, MEDICINAL) (OILS, VOLATILE) (TANNINS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

KOLODZIEJSKI, Jozef; GILL, Stanislaw; MRUK-LUCZKIEWICZ, Anna

Effect of wilting on the yield, content and physico-chemical stability of the principal components of the oil of Thymus vulgaris L. Acta pol. pharm. 30 no.5:349-355 '63.

1. Katedra Farmakognozji Akademii Medycznej w Gdansku; kierownik: prof.dr. J.Kolodziejski.

*

GILL, S[illegible]anisław

Studies on the chemical composition of Trifolium arven[illegible] L. IV. Isolation and identification of kaempherol-3-gly[illegible]side. Acta Pol. pharm. 21 no.3:287-290 '64

1. Z Katedry Farmakognozji Akademii Medy[illegible]nej w Gdańsku (Kierownik: prof. dr. J. Kołodziejski).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILL, Stanislaw

Thin-layer and paper chromatography of quinolizidine alkaloids present in some species of Tysisus L and Genista L. Acta Pol. pharm. 21 no.4:379-386 '64.

1. Z Zakladu Farmakognozji Instytutu Farmaceutycznego w Warnie (Kierownik: prof. dr. E. Steinegger); z Zakladu Farmakognozji Akademii Medycznej w Gdansku (Kierownik: prof. dr. J. Kolodziejski).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

KOLODZIEJSKI, Jozef; GILL, Stanislaw; LUCZKIEWICZ, Irena

Localization of sparteine in Cytisus scoparius Link.(Sarothamnus scopariu L. Wimm.) during the vegetation stage. Acta Pol. pharm. 21 no.6:501-508 '64

1. Z Katedry Farmakognozji Akademii Medycznej w Gdansku (kierownik: prof. dr. J. Kolodziejski).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

G

HILL, S.A.

Secretion of saliva in ingestion of kefir and milk, acidified by lactic acid; experimental study. Vopr.pediat. 18 no.2:36-38 Mr '50.(CIML 19:3)

1. Of the Department of Child Physiology and Dietetics, Ukrainian Scientific-Research Institute OKhMD (Director -- Candidate Medical Sciences A.G.Logunova; Scientific Director -- Honored Worker in Science Prof. S.Ya.Shafershteyn).

SVOBODA, M., inz.; GILLAR, J., promovany biolog; SALPLACHTA, J.; HLAVKA, C. M., inz.; STELCLOVA, D.; MARVAN, P., RNDr.

Last stage purification of dairy waste waters by biologic filters. Vodni hosp 14 no.6:219-222 '64.

1. Institute of Dairy Research Brno (for all except Marvan).
2. Research Institute of Water Resources Management, Brno (for Marvan).

[redacted], M. S.

Country: Poland

[redacted]

[redacted]

Source: [redacted], Bulletin de l'Académie [redacted] Polonaise /Classe
[redacted] Sciences Techniques/, Vol II, No. 1, Jan 61, pp 63-68.

Title: "Adequate Stability Condition for Non-linear Control Systems"

Co-Author:

MEERKIN, S.

(French)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILLE, J.C.; WEGRZYN, S.

Stability of nonlinear systems of the second order. Bul Ac Pol tech 10 no.9:563-570 '62.

1. Ecole Nationale Superieure de l'Aeronautique, Paris (France), et Laboratoire de la Theorie de la Communication, Institut des Problemes Techniques Fondamentaux, Academie Polonaise des Sciences, Warsovie. Presented by J.Groszkowski.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GUIDE, J.F.; WEYRZYN, S.

Stability of conservative associated [illegible]. Bul le Pol tech 12 no.6:425-430 '64.

1. National School of [illegible], [illegible] Institute of Automatic Control, Polish Academy of Sciences, [illegible]. Presented by J.Groszkowski.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

P/0019/64/013/001/0003/0014

ACCESSION NR: AP4039448

AUTHOR: Gille, J. C.; Wegrzyn, S.

TITLE: A sufficient condition for the stability of second order nonlinear system

SOURCE: Archiwum elektrotechniki, v. 13, no.1, 1964, 3-14

TOPIC TAGS: Automatic control, control theory, automatic control system, nonlinear control system, second order nonlinear system, control system stability, differential equation, second order differential equation

ABSTRACT: The authors previously (J. C. Gille and S. Wegrzyn, "O pewnym wystarczajacym warunku stabilnosci nieliniowych ulkadów automatyki." Automat i Telemech, Vol VII, nos 1 and 2, 1962) proposed a practical condition for nonlinear stability which was unusually simple in application. They also indicated the feasibility of defining more precisely the areas of its application. The present article attempts to do this very thing. The conditions for a second order system were determined and the proof was given. In a stable linear differential equation $\lambda_1\ddot{x}+\lambda_2\dot{x}+\lambda_3 x=0$ the coefficient λ_2 represents the losses in the system while the coefficients λ_1 and λ_3 represent the retentive properties. The differ-

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ACCESSION NR: AP4039448

ence in these two types of coefficients is also unusually useful in the case of an analysis of nonlinear systems. The following two special cases are therefore examined in detail: (1) nonlinear second order differential equations, all the coefficients of which (losses and retentions) are the functions of the variables x, $\dot{x}$, and $\ddot{x}$, while the coefficients of retention are constant. This type of equation was called a type of equation with nonlinear scatter. The authors proved that strict stability conditions for these two types of nonlinear equations are different. The requirements for group 1 are higher than for group 2. Authors conclude that the stability conditions derived in the above-mentioned previous study for linear static conjugate systems assures the stability of nonlinear systems provided the latter system belongs to a system type with nonlinear scattering. If the coefficients of retention are also nonlinear, then this condition should be supplemented by an additional uniqueness condition for the nonlinear coefficients. It would be of great interest if the results could be generalised for equations of high orders. Original article has: 11 figures and 21 equations.

ASSOCIATION: Osrodek Badan Naukowych Automatyki, Paris(Scientific Research Center for Automatic Control); Instytut Automatyki PAN, Warsaw(Institute of Automation,PAN)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

ACCESSION NR: AP4039448

SUBMITTED: 11Aug63

SUB CODE: IE, MA

DATE ACQ: 18Jun64

NO REF SOV: 001

ENCL: 00

OTHER: 003

Card 3/3

GILLEMOT, Ferenc (Budapest, XI., Tarcali u.2); HORVATH, Miklos (Budapest, I., Partvaghy u. 10)

The CO_2 position welding. Periodica polytechn eng 8 no.3:353-362 '64.

1. Submitted February 28, 1964.

C1

9

The mechanical properties of the Al alloys replacing cast Sn bronzes László Gillemot and Ferenc Nagy. *Kohászat* (Budapest) 73, 338-340(1943). *New Zeals. Engr.* 1943, 1, 1512. The effect of the Sb, Zn and Mg content of Al-Mg-Zn-Sb alloys on tensile and compressive strength, Brinell hardness and reliability was investigated. The two best alloys were of the following compns.: (a) Mg 4, Zn 2, Sb 3%, rest Al, tensile strength 16 kg./sq. mm., compressive strength 60, elastic limit in compression 42, Brinell hardness 70; (b) Mg 2, Zn 7, Sb 4%, rest Al, in cast (or refined) condition, tensile strength 18 (26), compressive strength 70, elastic limit in compression 46, Brinell hardness 80 (120). They are suitable for highly stressed worm-gear drives, but lose strength and hardness at higher temps. M Hartenheim

ASM-WVA METALLURGICAL LITERATURE CLASSIFICATION

CA

The testing of bearing metals. Lajos Gillemot *Technika* (Budapest) **23**, 107-202(1942); *Chem. Zentr.* **1942, II**, 1840.—A specially developed bearing-testing machine for detg. the running properties is described which gave good results by supplementing the results by detn. of hardness and phys. data of the bearing metal.
M. Hartenheim

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

23

A precision tensile-strength-testing machine for paper and textile investigations. László Gillemot. *Tarkeztés- (Ujpalota) 23, 260-93(1943).* (Hung.) *Zentr. 1943, II, 1162-3.*—The theoretical basis and a description of a tensile-strength testing machine for paper, leather and textile investigations are given; the machine has a range of 200-400 and 40-1000 kg. The error is about 0.1-0.25%.

C. J. West

The Substitution of Cast Bearing Bronzes by Aluminium Alloys. Laszlo Gillemot (*TechAusz.*, 1942, **33**, 267–275; *Chem. Zentr.*, 1943, **114**, (I), 1512; *C. Abs.*, 1944, **38**, 3507). Laboratory and practical tests have given full evidence that aluminium–magnesium zinc antimony alloys with magnesium 3·5–4, zinc 2, antimony 1–1·5% can replace the cast bronzes used for sleeve bearings, and that their functional properties are superior. Mechanical and technological properties are in part better, in part slightly inferior to those of the bronzes. The only major disadvantage is their relatively high thermal expansion; this, however, becomes important only in bearings operating above 100° C. and can be overcome by correct design.

C4

Standardization of hardness tests of ingot castings of light metals. László Gillemot and Ferenc Nagy (Univ. Tech. Sci., Budapest, Hungary). *Technika* (Budapest) 24, 286–91 (1943).—For testing purposes the ingots proposed by the Istituto sperimentale dei metalli e leggeri di Milano seem to be the best. Expts. were made with Silumin, Anticord, Hydronal, and other castings.

István Finály

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

Improved utilization of bauxites. Laszlo Gillemot *Aluminium* (Budapest) 2, 25-32(1950). The processing of high iron content bauxites has been found to be economical if iron and alum-earth are produced simultaneously. The bauxite is roasted and then a magnetic separation process is applied, as a result of which an iron-enriched portion and a low iron content portion are obtained. The iron-enriched part can be directly utilized as iron ore, while the low iron content portion can be utilized to produce alum-earth according to the Bayer process. The drying process can be dispensed with, since the ore is roasted prior to magnetic sepn. The iron-enriched portion has a reduced content of slag components and is suitable for producing high-grade gray iron and steel for transformer sheet and welding rods.

E. Gross

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7

Forging, Drawing, Stamping

Pressing

5

Patenting Steel Wires by High-Frequency Induction Heating.

I. Gilkinet and J. Kunze. (*Acta Technica Academiae Scientiarum Hungaricae*, 1950, 1, 1, 59–72). (In German.) In conventional patenting steel wires are heated to about 900° C in long furnaces while on their way to the lead bath. A new method is described whereby the wires are heated by high-frequency induction. The theoretical development of the induction heating coil and its performance are described in detail, operation on steel wire patenting are described, and the advantages attainable are discussed. [illegible]

Met. Abs.

13

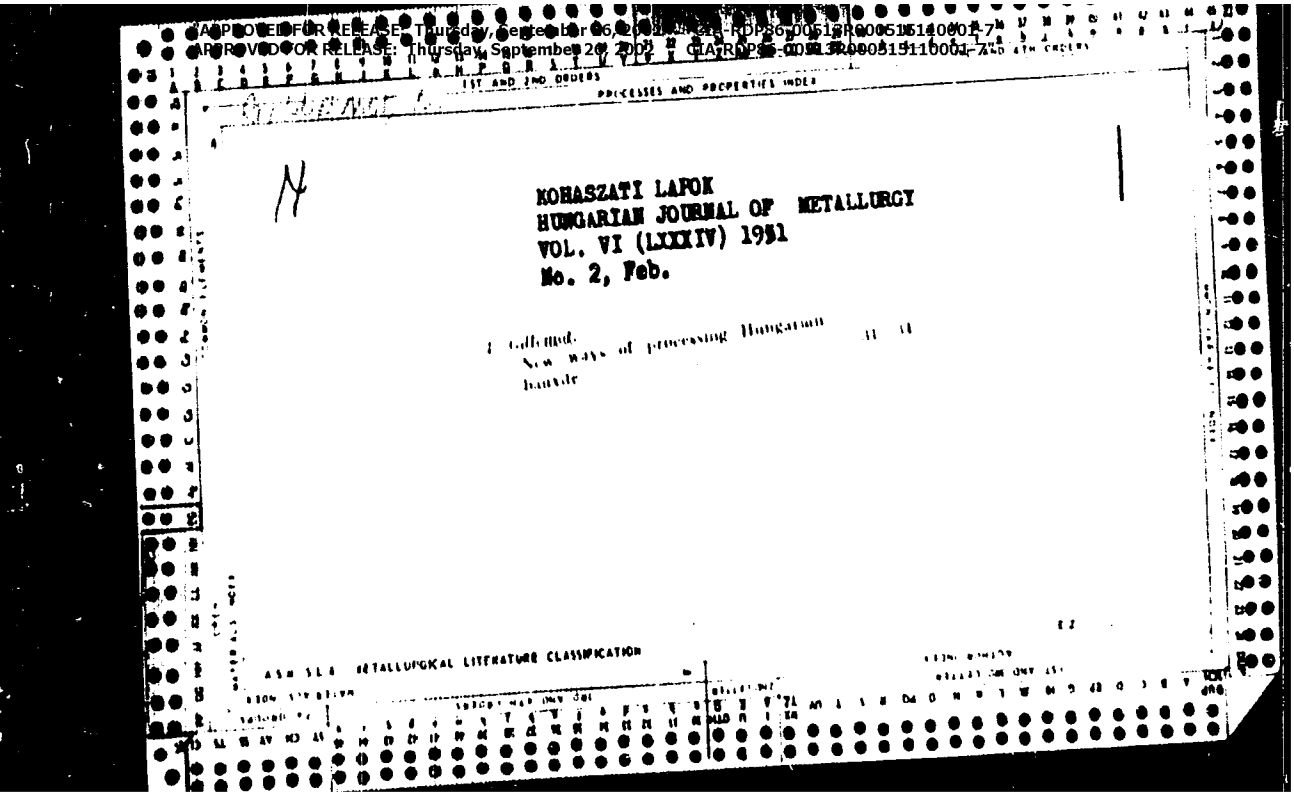
Apparatus for Determining True Tensile Stresses. I. Gillemot. (*Acta Techn. Acad. Sci. Hungar.*, 1951, 1, (3), 101–107). [In German]. Tensile testing machines usually incorporate a drum for the automatic registration of stress, as ordinates, and extension, as abscissæ; but, in general, these do not take account of the change of cross sectional area of the test piece under stress. A pendulum device, whereby this defect is eliminated, and the true stress, viz. tension/actual cross sectional area, is inscribed on the record, is described. J. S. G. T.

On the Crystallization of Nodular Graphite. L. Gillemot. (Öntöde, 1951, vol. 2, Mar., pp. 49-58; Kohászati Lapok, 1951, vol. 6, Mar.). [In Hungarian]. Experiments were carried out to study the influence of the carbon, silicon, and cerium contents, the wall thickness, and the temperature on the formation of nodular graphite in iron castings. The pouring temperature was kept at 1400° C. except when this factor was the subject of study. The results showed that nodular graphite in a ferrite-pearlite matrix can form only in a limited range of silicon and cerium contents; it is possible to obtain nodular graphite in a matrix of ferrite or pearlite plus carbide outside the silicon and cerium range. Contrary to Myakowsky and Dunphy, this author found that formation of nodular graphite depends greatly on the carbon content. The influence of remelting and heat-treatment was also investigated. The author believes nodular graphite is formed by the decomposition of undercooled carbide.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

CA

Investigation of spheroidal (nodular) graphite. I. Gillmor. *Acta Tech. Acad. Sci. Hung.* 2, 79 (in German) (1951). (German summary) The occurrence of nodular graphite in cast iron in the presence of Si and Ce was studied. It was found that its formation took place only between certain chem. compn. limits and that it may be related to the decompn. of supercooled carbides. Factors and conditions affecting supercooling were discussed. A. J. A.



N

KOHASZATI LAPOK
HUNGARIAN JOURNAL OF METALLURGY
VOL. VI (LXXXIV) 1951
No. 2, Feb.

1 Collected.
New ways of processing Hungarian
bauxite

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GUIDE NO. 4.

2/24

When the arc [illegible] is held in the hand, the arc [illegible] and the welder fills the [illegible] of this method is that [illegible] of the electrode unconsciously [illegible] Another handicap of it is that [illegible] can usually coated welding rods.

These shortcomings of the methods explained above may be eliminated if [illegible] welding rod with the standard electrode holder, while placing the other rod horizontally [illegible]

From the electrical point of view, twin-rod welding presents [illegible] The ideal apparatus is a three-phase transformer. Two single-phase transformers are [illegible] as well, but the consumption [illegible] can be very suitable. Test results of the experiments [illegible] may be summed up as follows: (1) Because [illegible] of the principle of double-rod welding, [illegible] are three times shorter in relation to the ordinary method, even [illegible] low current intensity chosen on purpose at the start. (2) The operation of welding is very simple; [illegible] to be taken to remove slag [illegible] of the arc. Even beginners can attain [illegible] results than with common arc welding. (3) Twin electrode [illegible] economy in energy consumption. (4) Contrary to the Humboldt-Meier method, no special coating is required on the welding rods.

From author's English summary

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7

GALLEMOT, L.

1/2

[illegible] of speeding up manual [illegible] French, and German [illegible] 7, 5-6, 277-282, 1953. [illegible] the output in arc weld- [illegible] a long time. Al- [illegible] greatly increased perform- [illegible] it cannot be applied [illegible] to boost the efficiency [illegible] of the welding [illegible] of the [illegible] Double [illegible] supply, have [illegible]

[illegible] way of increasing output is [illegible] the welder leads one [illegible] the other rod is rotatably fixed to a [illegible]

(over)

GILLEMOT, L.

"New process for the acceleration of hand operated arc welding." p. 173. (GEP, Vol. 5, no. 4, Apr. 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILLEROT, L.

"Calculation of the characteristic data of double-rod (quick) wel [illegible]" p. 268,
(GEP, Vol. 5, no. 6, July 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, no. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

[illegible], I.

The metal titanium produced from bauxite; also, remarks by E. Winter and others. p. 303. KOHASZATI. Budapest. (Reports issued by the Section of Technical Sciences, Hungarian Academy of Sciences. Quarterly) Vol. 14, no. 1/3 1954

SO: ROL: East European accessions list (EEAL) Library of Congress Vol. 5, No. 6, June 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

HUNG.

[illegible] production. [illegible] consisting of a cylindrical [illegible] filling [illegible] is a [illegible] water-cooled cover [illegible] $TiCl_4$ is pumped [illegible] pressure from a [illegible] pressure throughout [illegible] higher than the reac- [illegible] pressure initially [illegible] 800 mm. [illegible] 780 mm. [illegible] again to 880 mm. after 20 min. [illegible] 900, 850, or [illegible] after 10 min. [illegible] are washed with 2% HCl. [illegible] the process of Ti reduc- [illegible] The high-Mg frac- [illegible] pressures of the reaction [illegible] by Z. [illegible] (private communica- [illegible]): 777, 3.89 × [illegible] 34.80, 2.880; 877, [illegible] 927, 2.48 × 10^-4, 193.0, 8.03 × 10^-4 [illegible] 977, 30.4 × 10^-4, 309.8, 17.8. M. M.

M. [illegible]

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

Gillemot, L.

Gillemot, L. Nondestructive testing of materials in the iron and metal industry. p. 173. Vol. 16, no. 2/4, 1955, Budapest, Hungary. GÉPIPARI

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 5, No. 3, March, 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILLE'OT, L.

Survey. p. 463

Vol. 16, no. 3/4, 1955
KOZLEMENYEK

SOURCE: Monthly list of East European Accession, (EEAL), LC,
Vol. 5, No. 3, March, 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILLOT, L.

Current problems of training engineers. p. 241.
Vol 7, no. 7, July 1955. GEP. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILEMOT, L.

Education of mechanical engineers. p. 15
What important changes will be effected by the decree of the Council of Ministers concerning inventions? p. 20
Can synthetic materials compete with steel? Tr. from the German. p. 22

p. 15 & 20 & 22
Vol. 5, no. 16, August 1955
MUSZAKI ELET
BUDAPEST

SO: Monthly List of East European Accessions, (EEAL), LC, VOL. 5, no. 2
Feb. 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515110001-7"

GILLOT, L.

Processing metallic titanium. p. 548.
Vol 10, no. 12, Dec. 1955. KOHASZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

GILLEMOT, I.

The working of metallic titanium. In German. p. 15[illegible].
(ACTA TECHNICA. Vol. 15, no. 1/2, 1956. Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

GILLEOT, I.

Present conditions in the titanium industry and trends in its evolution. p. 45. (Magyar Kemikusok Lanja, Vol. 12, No. 2, Feb 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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Nitridable titanium steels. László Gillemot and Mrs. Tibor Tolnay. Gép 10, 177–84(1958). Fourteen samples of steel, having Ti/C ratios between 1.04 and 20.8, were nitrided at 550, 600, and 650°, resp., for 1–7 hrs. in an atm. of 80% N and 20% NH_3. Where Ti/C < 4, the depth and hardness of the nitride layer was the same for treatment at any given temp. and time, regardless of compn. (for example, a 0.7-mm.-deep layer of 680° Vickers hardness was obtained on 2 steels with Ti/C of 1.04 and 3.79, resp.). Where Ti/C > 4, the hardness of the nitride layer will vary between 800 and 1400, depending upon the Ti content. Steels with Ti/C < 4 were found suitable for the manuf. of parts presently made of mild steels, while steels with Ti/C > 4 are recommended for parts presently made of carburized or case-hardened steels. Hardness of the nitride layer (after 5 hrs.' treatment at 600°) is equiv. to that of the carburized surface, and no appreciable distortion is evident after heat-treatment of nitrided parts. Nitriding was found to require less time than any other process yielding comparable results. Tensile strength, hardness, fatigue, nitride layer depth, and bendability test results were given for all steels exaind. under various treating conditions. Nitrided Ti steels were found suitable for the manuf. of parts subject to fatigue in service and parts made from such steels require little after-treatment after shaping, if any. L. [redacted]yai

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Uncl.